

The diagram illustrates a multi-channel measurement system. The top part shows a cross-section of a multi-layered structure with layers labeled 1 through 9. A vertical stack of four sensors, labeled 4, 5, 6, and 7, is positioned against the right side of the structure. Each sensor is connected to a corresponding channel in a measurement unit at the bottom. The measurement unit consists of four blocks labeled 10, 11, 12, and 13. Block 12 contains a graph with a vertical axis labeled \vec{V} and a horizontal axis labeled \vec{t} , showing a triangular waveform. The output of the measurement unit is connected to a series of four rectangular blocks, which are then connected to a common output line.

